

**Aero Design Ltd.****Work Order Control Sheet**Work Order#: 2017-209 Date Opened: 5 December 2017 Title: FabricationAircraft OEM: Multiple Aircraft Model: Multiple Product Type: Placard Product Model: N/A Quantity: 200**Work Order Contents**

Work Order/Build Sheets (Procedures Provided)  
Additional Work Sheets (Standard Practice)  
Drawings (See List Below)  
Parts Distribution Sheet  
Sub Component Tags  
Completed Certification (Original)  
Time Sheet (R&D)  
Notes

Initial or N/A

CB/JC
N/A
CB/JC
CB/JC
N/A
JC
N/A
N/A

**Build Sheet Contents**

Tasks Initialled  
Dual Inspections Initialled

Initial or N/A

JC
N/A

**Drawing List**

Drawing #	Rev #	Description	Initial or N/A
78427	2	Placard	CB/JC

**Component Completion**

Quantity Complete on This Work Order  
Quantity Incomplete on This Work Order  
Further Processing Required Before Release  
Release to Stock as Components

As Instructed

N/A
N/A
N/A
N/A JC 211

**Certification**

Form One Completed  
Serviceable (Green) Tag Completed  
In Process (Yellow) Tag Completed  
Unserviceable (Red) Tag Completed  
Parts Placed in Stores for Distribution

Initial or N/A

N/A JC
N/A JC
JC
N/A
N/A

**Additional Documentation**

Documentation of a minor change  
Non-Conformance Report Required  
Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

**Billing**

Local (Aero Design)  
Research and Development  
Third Party

Initial or N/A

JC
N/A
N/A

Work performed by:

Print: J. CLARKESign: JH/CELSCA: A002Date: 05 JAN 2018

ICC / Dual Inspection performed by:

Print: N/ASign: JH/CELSCA: A002Date: 05 JAN 2018

Work Order closed by:

Print: J. CLARKESign: JH/CELSCA: A002Date: 05 JAN 2018

Approved Manufacturing Facility 73-04

Form 20-D-03

Rev. Original 23 Sep 2014

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2019-0197	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice PO 1622	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Placard	69827-01	2	WO 2017-209	New	
2.	Rivet	CR3213-4-02	8	PO 19043		
12. Remarks Certification data: TCCA STC SH00-48; FAA STC SR02253NY S/N 69801-08 and 69801-12						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 13 June 2019		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.          Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.          Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

ALPINE



13 June 2019

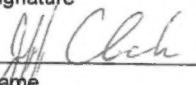
WO# 2017-209

Approved Manufacturing Facility 73-04

Form 20.F.06

Rev. Original 27 May 2013



1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2019-0162	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice PO 1622	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Placard	69827-01	2	WO 2017-209	New	
2.	Rivet	CR3213-4-02	8	PO 19041		
12. Remarks Certification data: TCCA STC SH00-48; FAA STC SR02253NY S/N 69801-08 and 69801-12						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
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13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 10 May 2019		14d. Name		14e. Date (dd/mmm/yyyy)
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ALPINE



## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: PLACARD No. of pieces: 211

Manufacturer: AERO DESIGN LTD.

Part No.: XXX-27 Serial/Batch No.: P017080

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2017-209

Remaining Tasks to be Performed: De burr ✓

Signature: [Signature]

Date: DEC. 7, 2017 Lic. No. / SCA AD02

In Process



## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

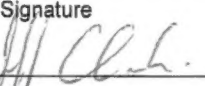
Phone: 604-483-2376 Fax: 604-483-2372 E-mail: [info@aerodesign.ca](mailto:info@aerodesign.ca)

AMF 73-04

**In Process**

### Remarks

GREEN TAG ISSUED 05 JAN 2018 JC.

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2019-0144	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice PO 6S50877	
6. Item 1.	7. Description Placard	8. Part Number 69827-01	9. Qty. 1	10. Serial/Batch No. WO 2017-209	11. Status/Work New	
12. Remarks Certification data: TCCA STC SH00-48; FAA STC SR02253NY S/N 69801-28						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 10 May 2019		14d. Name		14e. Date (dd/mmm/yyyy)
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CHOICE AVIATION



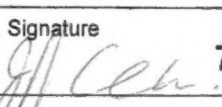


10 MAY 2019

WO# 2017-209

[illegible]



1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2018-0166
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice
6. Item 1.	7. Description Placard	8. Part Number 69827-01	9. Qty. 1	10. Serial/Batch No. WO 2017-209	11. Status/Work New
12. Remarks Certification data: TCCA STC SH00-48 S/N 69801-32					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 27 June 2018		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
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CAPITAL HELICOPTERS



## CAPITAL HORIZONS

WO# 2017-209

Approved Manufacturing Facility 73-04

Form 20.F.06

Rev. Original 27 May 2013



## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: Placard sheet No. of pieces: 11 stock sheets

Manufacturer: Aero Design Ltd.

Part No.: NA

Serial/Batch No.: 17080

TTSN: N.P.

TSO: NA

Rem.: NA

Work Order No.: 2017-209

Remaining Tasks to be Performed: Machined ✓ jc

Signature: [Signature]

Date: 05 NOV. 2017

Lic. No. / SCA AD02

In Process



## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: [info@aerodesign.ca](mailto:info@aerodesign.ca)

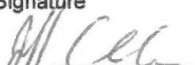
AMF 73-04

### Remarks

**In Process**

11 sheets out



1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2018-0217	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice PO BJC-8639	
6. Item 1.	7. Description Placard	8. Part Number 76427-01	9. Qty. 1	10. Serial/Batch No. WO 2017-209	11. Status/Work New	
12. Remarks Certification data: TCCA STC SH08-16; FAA STC SR02680NY S/N 76401-06						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			<del>14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12          Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.</del>			
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 20 Aug 2018		14d. Name		14e. Date (dd/mmm/yyyy)
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HELIQUEST

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	INCREASE LOAD TO 250 LBS / 113 KG	BJC	27/01/2010
2	UPDATE TITLE BLOCK; UPDATE ADDRESS AND LOGO; MAT'L THICKNESS CHANGED	BJC	10/07/2014

# NOTES

- ENGRAVE 0.007 DEEP AS FOLLOWS:  
"QUICK RELEASE BASKET" - 0.125 HIGH  
"EUROCOPTER AS350 & AS355 SERIES" - 0.080 HIGH  
"S/N 78401-XX" - 0.080 HIGH  
"MAXIMUM PERMISSIBLE LOAD" - 0.125 HIGH  
"250 LBS/113 KG" - 0.200 HIGH  
"AERO DESIGN LTD." - 0.125 HIGH  
"POWELL RIVER, BC, CANADA" - 0.080 HIGH  
"www.aerodesign.ca" - 0.080 HIGH


DRILL #30 (0.129)  
4 PLACES



01 PLACARD

78427-01	01	PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.050 SHEET
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

## LIST OF MATERIALS

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.	APPROVALS		DATE			<b>AERO DESIGN LTD.</b>			
	DRAWN: R. RATHWELL		18 FEB 08			9888A MALASPINA ROAD			
	CHECKED: E. BURGAIN					POWELL RIVER, BC, CANADA, V8A 0G3			
					TEL: 804.483.2376				
					www.aerodesign.ca				
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1				EUROCOPTER AS350 & AS355 SERIES QUICK RELEASE CARGO BASKET PLACARD			
				SCALE 1 : 1		DWG. SIZE	DWG. NO.	REV.	
				SHEET 1 OF 1		A4	78427	2	

## COMPONENT – PLACARD

### General

These instructions apply to all cargo basket placards. Refer to the following drawings, at the current revision, for dimensions and details:

#### All Models: XXX27 – Placard

(Note: the drawing number may vary on some models)

Work Order: 2017-209

Date Open: 05 DEC 2017

Complete  
(initial or SCA #)

AD  
73-04  
02 JS

Stock PO # 17080

#### 1. Prepare Stock for Blanks

- Stock 0.05" sheet, 6061-T6 Aluminum.
- Shear stock strips 8" wide x 24" long.
- Using the machining jig (GEN27-1) as a template, drill #30 through all holes (18 places)
- Deburr edges and holes.
- Yellow tag stock strips and place on in progress shelf in machine shop.

AD  
73-04  
02 NR

#### 2. CNC Machining - Blanks

- Mount strip (from above) on machining jig using 1/8 (copper) clecos, with the cleco on the bottom side of the jig plate
- Locate jig in vises on CNC mill with 22" long jaws. Setup stop on left edge of jig. Set 0 location at top left far corner.
- Run CNC program for machining blanks (O00061).
- Remove jig from vise. Remove clecos to remove strip from jig.
- Repeat for all stock strips.
- Update yellow tag and place machined strips in fabrication shop for finishing blanks.

AD  
73-04  
02 NR

#### 3. Finishing Blanks

- Remove blank placards from strips by twisting to break the retaining tabs from the stock strip.
- Deburr all edges of blanks on scotchbrite wheel on bench grinder.
- Update yellow tag and place blanks on in progress shelf in machine shop.

#### 4. CNC Machining – Engrave placard

- Load jig (GEN27-2) for engraving placards in vise on CNC mill.
- Set 0 at top left corner of jig, following instructions in program.
- Fasten blanks to jig using 4x #40-40 screws.
- Run CNC program for engraving (O00051 and subprogram OXXX50 – varies by model). Ensure starting serial number is set as required, program will automatically increment.
- Remove engraved placards from jig. Engraved face may be lightly buffed to clean burrs.

N/A JC

#### 5. Final Inspection

- To be completed by a different person than the previous steps.
- Green tag complete and inspected parts in preparation for installation.

N/A JC